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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | |
|---|------------------------------|----------------------|---------------------|------------------|--|
| 10/784,565 | 02/23/2004 | Lucy Grace Hosking | 15436.299 | 8644 | |
| 22913 7590 10/10/2007 WORKMAN NYDEGGER 60 EAST SOUTH TEMPLE | | | EXAMINER | | |
| | | | RODRIGUEZ, ARMANDO | | |
| | GATE TOWER CITY, UT 84111 | | ART UNIT | PAPER NUMBER | |
| 0.12.1 2.11.12 e.r.1, e.r. evill. | | | 2828 | | |
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| | | | MAIL DATE | DELIVERY MODE | |
| | | | 10/10/2007 | PAPER | |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | Application No. | Amiliana/a) | | | |
|---|---|---|--|--|--|
| | Application No. | Applicant(s) | | | |
| | 10/784,565 | HOSKING, LUCY GRACE | | | |
| Office Action Summary | Examiner | Art Unit | | | |
| | ARMANDO RODRIGUEZ | 2828 | | | |
| The MAILING DATE of this communication app Period for Reply | pears on the cover sheet with | the correspondence address | | | |
| A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING D - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailin earned patent term adjustment. See 37 CFR 1.704(b). | ATE OF THIS COMMUNICA 36(a). In no event, however, may a repl will apply and will expire SIX (6) MONTH e, cause the application to become ABAN | ATION. y be timely filed IS from the mailing date of this communication. NDONED (35 U.S.C. § 133). | | | |
| Status | | | | | |
| 1) Responsive to communication(s) filed on <u>26 June 2007</u> . | | | | | |
| 2a) This action is FINAL . 2b) ☑ This | This action is FINAL . 2b)⊠ This action is non-final. | | | | |
| 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is | | | | | |
| closed in accordance with the practice under I | Ex parte Quayle, 1935 C.D. 1 | 11, 453 O.G. 213. | | | |
| Disposition of Claims | | | | | |
| 4) | wn from consideration. d. are objected to. | | | | |
| Application Papers | | | | | |
| 9) The specification is objected to by the Examine | | | | | |
| 10) The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner. | | | | | |
| Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). | | | | | |
| Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Ex | | - | | | |
| Priority under 35 U.S.C. § 119 | | | | | |
| 12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority document application from the International Burea * See the attached detailed Office action for a list | ts have been received. Its have been received in Apprintly documents have been re The control of the control | olication No eceived in this National Stage | | | |
| Attachment(s) | | | | | |
| 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) | 4) Interview Summary (PTO-413) Paper No(s)/Mail Date | | | | |
| 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date | 5) Notice of Info | 5) Notice of Informal Patent Application | | | |

*Application/Control Number: 10/784,565

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DETAILED ACTION

Election/Restrictions

Based on applicant's arguments filed on June 26, 2007 pertaining to the restriction requirement filed on October 10, 2006, the restriction is withdrawn the withdrawn claims are rejoined and examined on the merits.

Claims 1-14, 23-37 are pending.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3, 5, 6, 8, 12, 31, 35 are rejected under 35 U.S.C. 102(b) as being anticipated by Gambini (US 4,918,700).

Regarding claims 1, 12, 31,

Figures 1 and 3 illustrate a device for adjusting the injection current of laser (1), column 4 lines 48-51 discloses changing the current [applicant's changing a laser bias], column 5 lines 15-17 discloses modulating interferometer (6) by a ramp signal [applicant's changing modulation amplitude] and [applicant's control scheme include ramp function]. As illustrated in figures 1 and 3 interferometer (6) receives a beam from the laser (1) [applicant's associated signal].

Regarding claims 2, 3, 5, 35,

Figures 1 and 3 illustrate a feedback process for adjusting the laser current, where the modulation of the interferometer is processed first, however control device (100) and (200) is a circuit, the difference in time is considered as substantially the same.

Regarding claims 6, 8,

Figure 2 illustrates the implementation linearly.

Allowable Subject Matter

Claims 4, 7, 9-11, 13, 14, 23, 32-34, 36, 37 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 24-30 depend from claim 23.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ARMANDO RODRIGUEZ whose telephone number is 571-272-1952. The examiner can normally be reached on 9:00 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MINSUN HARVEY can be reached on 571-272-1835. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

ARMANDO RODRIGUEZ Primary Examiner

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